

Development and Construction of
Auditorium and Toilet at Yelahanka PU
Collage in Ward No-01 of Yelahanka sub
Division

Modified Estimation

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NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

Modified Estimation

Client Sri.H.V Onkarappa #2,Taralabalu Enclave, Near Police Station,Yelahanka,Bangalore-64

Estimation cost **31871385**

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item no. 1	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m ³ having a minimum average compressive strength of 5.00 N/mm ² confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.5.4								
	Compound Wall								
0	8.9	Sqm	1	0		0	0.00		
0	25	Sqm	1	25		0.7	17.50		
25	40	Sqm	1	15		0.9	13.50		
40	51.6	Sqm	1	11.6		0.95	11.02		
51.6	80.6	Sqm	1	29		0.6	17.40		
0	30	Sqm	1	30		0.55	16.50		
30	60	Sqm	1	30		0.55	16.50		
60	70	Sqm	1	10		0.55	5.50		
70	87	Sqm	1	17		1.3	22.10		
	For Toilet Block								
	Ground Floor								
	Long wall	Sqm	2	15.24		2.9	88.39		
	Short Wall	Sqm	2	4.87		2.9	28.25		
	Deduction	Sqm							
	Ventillator grill	Sqm	-8	1.9		0.48	-7.30		
	Opening	Sqm	-1	2.4		0.52	-1.25		
	D2	Sqm	-1	0.8		2.1	-1.68		
	Total Executed Quantity						226.43	1073.61	243100.99
	Schedule B Quantity						868.12		
Item no. 2	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates@ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	Compound Wall								
	coping concrete								
0	8.9	Cum	1	0	0.2	0.1	0.00		
0	25	Cum	1	25	0.2	0.1	0.50		
25	40	Cum	1	15	0.2	0.1	0.30		
40	51.6	Cum	1	11.6	0.2	0.1	0.23		
51.6	80.6	Cum	1	29	0.2	0.1	0.58		
0	30	Cum	1	30	0.2	0.1	0.60		
30	60	Cum	1	30	0.2	0.1	0.60		
60	70	Cum	1	10	0.2	0.1	0.20		
70	87	Cum	1	17	0.2	0.1	0.34		
	Total Executed Quantity						3.35	6661.77	22330.27
	Schedule B Quantity						4.80		

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount	
				(m)	(m)	(m)		Rs	Rs	
Item no. 3	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and l or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications									
	Compound wall									
	Coping	Cum		Total Concrete quantity			3.35			
				Steel assumed 93 Kg/Cum of Concrete			311.74			
		Tonne					0.31			
	For Toilet Block									
	Ground Floor									
	Footing	Cum		Total Concrete quantity			16.46			
				Steel assumed 53 Kg/Cum of Concrete			872.59			
		Tonne					0.87			
	Columns	Cum		Total Concrete quantity			6.77			
				Steel assumed 115 Kg/Cum of Concrete			785.61			
		Tonne					0.79			
	plinth Beam	Cum		Total Concrete quantity			4.12			
				Steel assumed 140 Kg/Cum of Concrete			577.08			
		Tonne					0.58			
	Ground Floor Roof Beam	Cum		Total Concrete quantity			2.35			
				Steel assumed 200 Kg/Cum of Concrete			999.28			
		Tonne					1.00			
	Ground Floor Roof Slab	Cum		Total Concrete quantity			12.57			
				Steel assumed 177 Kg/Cum of Concrete			2225.65			
		Tonne					2.23			
	Total Executed Quantity							5.78	83541.18	482589.37
	Schedule B Quantity							11.11		
Item no. 4	KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., complete & as per specification and as directed by Engineer.									
	Compound Wall									
0	8.9	Sqm	1	0		0	0.00			
0	25	Sqm	1	25		0.7	17.50			
25	40	Sqm	1	15		0.9	13.50			
40	51.6	Sqm	1	11.6		0.95	11.02			
51.6	80.6	Sqm	1	29		0.6	17.40			
0	30	Sqm	1	30		0.55	16.50			
30	60	Sqm	1	30		0.55	16.50			
60	70	Sqm	1	10		0.55	5.50			
70	87	Sqm	1	17		1.3	22.10			
	Toilet Block Outside Plastering									
	Ground Floor	Sqm	2	3		2.8	16.80			
			2	1.65		2.8	9.24			
	Deduction									
	Gate	Sqm	-1	1.2		2.3	-2.76			

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
			-1	1.75		2.3	-4.03		
	D	Sqm	-1	0.84		2	-1.68		
	V	Sqm	-1	2.4		0.52	-1.25		
	First Floor								
		Sqm	2	1.78		2.95	10.50		
			2	2.95		3.1	18.29		
	Deduction								
	Grill	Sqm	-1	2.45		1.75	-4.29		
	Gate	Sqm	-1	1.25		2.15	-2.69		
		Sqm	-1	1.7		2.4	-4.08		
	D	Sqm	-1	0.9		2	-1.80		
	V	Sqm	-1	2.4		0.52	-1.25		
	Total Executed Quantity						146.49	297.83	43628.16
	Schedule B Quantity						2233.23		

Item no. 5 Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.

		Compound Wall							
0	8.9	Sqm	1	8.9		1.4	12.46		
0	25	Sqm	1	25		1.95	48.75		
25	40	Sqm	1	15		2.6	39.00		
40	51.6	Sqm	1	11.6		2.8	32.48		
51.6	80.6	Sqm	1	29		2.7	78.30		
0	30	Sqm	1	30		2.65	79.50		
30	60	Sqm	1	30		3.05	91.50		
60	70	Sqm	1	10		3	30.00		
70	87	Sqm	1	17		3.05	51.85		
		Building 1							
		Ground Floor							
		Staffroom adjacent principal room							
		Long walls	Sqm	1	5.3	2.04	10.81		
			Sqm	1	5.25	2.04	10.71		
		Short walls	Sqm	1	3.3	2.04	6.73		
			Sqm	1	3.3	2.04	6.73		
		Building 3							
		Section 8							
		Outer paint	Sqm	1	36.2	7.6	275.12		
		Window side addition							
		W1	Sqm	16	1.5	0.28	6.72		
			Sqm	1	1	0.28	0.28		
		W2	Sqm	28	2.5	0.3	21.00		
		W3	Sqm	16	1.5	0.1	2.40		
			Sqm	16	1.3	0.1	2.08		
		Chejja addition	Sqm	12	2.45	0.6	17.64		
			Sqm	4	1	0.6	2.40		
			Sqm	16		0.6	0.1	0.96	
			Sqm	16	1.7	0.6	16.32		
			Sqm	16		0.6	0.1	0.96	
		Column side addition	Sqm	10	2.9	0.13	3.77		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Ground Floor to landing								
	Side wall								
	LHS	Sqm	1	3.8		2.225	8.46		
	RHS								
		Sqm	1			2.41	2.41		
				area of triangle=0.5*3.85*1.25=2.41					
		Sqm	1			3.56	3.56		
				area of triangle=0.5*3.85*1.85=3.56					
		Sqm	1	3.85		0.9	3.47		
	Landing portion	Sqm	1	1.6	1.45		2.32		
		Sqm	1	1.6	1.45		2.32		
		Sqm	1	3.5	0.78		2.73		
		Sqm	1	3.5	1		3.50		
	Landing to first floor								
	Wall LHS	Sqm	2	3.85	0.85		6.55		
	Extra	Sqm	2	3.85	0.23		1.77		
	First floor landing	Sqm	1	1.75	0.8		1.40		
		Sqm	1	3.4	0.8		2.72		
		Sqm	1	1.7	0.8		1.36		
		Sqm	1	1.7	0.15		0.26		
		Sqm	1	3.4	0.15		0.51		
		Sqm	1	1.75	0.15		0.26		
	Store room	Sqm	1	4.9	3.65		17.89		
	Door side extra	Sqm	2		0.08	2.1	0.34		
		Sqm	1	0.9	0.08		0.07		
	Side portion	Sqm	1	2.8		5.1	14.28		
		Sqm	1	3.8		4.3	16.34		
		Sqm	1	1.4		0.95	1.33		
	Window Deduction	Sqm	-2	0.6		0.6	-0.72		
	Grill paint	Sqm	-2	0.6		0.6	-0.72		
	Back portion	Sqm	1	3.7		2.8	10.36		
		Sqm	1	3.7		1.5	5.55		
	Deduction	Sqm	-1	0.6		0.6	-0.36		
	Staircase Front Portion	Sqm	1	1.6		3.05	4.88		
		Sqm	1	1.9		3.05	5.80		
	Total Executed Quantity						2995.33	120.07	359662.99
	Schedule B Quantity						3828.31		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
tem no. 6	Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., including cost of materials, labour, HOM complete as per specifications.								
	For Compound Wall	m	1	173.2			173.20		
	Total Executed Quantity						173.20	37.67	6524.51
	Schedule B Quantity						18554.34		
Item no. 10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.								
	Long wall	Cum	2	15.24	0.45	0.15	2.06		
	Short Wall	Cum	2	4.87	0.45	0.15	0.66		
	for Partian Wall								
	long wall	Cum	1	11.835	0.45	0.15	0.80		
		Cum	1	14.635	0.45	0.15	0.99		
	Building Area Concrete	Cum	1	15.24	4.87	0.15	11.13		
	Entance	Cum	1	3.1	3.1	0.15	1.44		
	Total Executed Quantity						17.08	6382.78	108991.65
	Schedule B Quantity						86.49		
Item no. 13	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.								
	Building 2								
	Ground Floor								
	Chemistry Lab	Sqm	2	11.15		1.50	33.45		
		Sqm	2	5.60		1.60	17.92		
	W1	Sqm	1	2.70	0.08		0.22		
	W2	Sqm	5	5.20	0.08		2.08		
	Door Side Projection								
	D1	Sqm	1	2.85	0.08		0.23		
	D2	Sqm	1	2.60	0.08		0.21		
	Column	Sqm	8	1.50	0.10		1.20		
	Deduction								
	W1	Sqm	-1	1.00		0.85	-0.85		
	W2	Sqm	-5	1.50		0.85	-6.38		
	D1	Sqm	-2	1.20		2.35	-5.64		
	D2	Sqm	-2	0.85		2.1	-3.57		
	Building 2								
	First Floor								
	Biology Lab								
		Sqm	2	11.20	1.45		32.48		
		Sqm	2	5.60	1.45		16.24		
	Window Side Projection								
	W1	Sqm	1	2.65	0.08		0.21		
	W2	Sqm	5	3.10	0.08		1.24		
	D1	Sqm	1	2.80	0.08		0.22		
	D2	Sqm	1	2.50	0.08		0.20		
		Sqm	8	1.10	0.10		0.88		
	Column Projection	Sqm	8	1.10	0.10		0.88		
	Deduction								
	W1	Sqm	-1	1.05		0.80	-0.84		
	W2	Sqm	-5	1.50		0.80	-6.00		
	D1	Sqm	-1	1.20		0.80	-0.96		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	W	Sqm	-2	0.95	0.25		-0.48		
		Sqm	-2	0.85	0.22		-0.37		
	Watchman Room	Sqm	1	5.05	1.9		9.60		
	Staff Room 3	sqm	1	6.95	5.25		36.49		
	beam	sqm	2	5.25		0.42	4.41		
	Staff room 4	Sqm	1	6.95	5.25		36.49		
	beam	Sqm	2	5.25		0.45	4.73		
	Staff room 5	Sqm	1	6.95	5.25		36.49		
	beam	Sqm	2	5.25		0.45	4.73		
	Class Room-1	Sqm	1	10.65	5.3		56.45		
	Class Room 2	Sqm	1	10.65	5.3		56.45		
	Ground Floor Corridor	Sqm	1	23.8	2		47.60		
		sqm	1	26.2	2		52.40		
	Portion C	Sqm	1	29.3	1.85		54.21		
	NSS Room Portion	Sqm	1	3.1	2.3		7.13		
	Office 1	Sqm	1	2.6	3.3		8.58		
		Sqm	1	2.7	1.8		4.86		
	Ground Floor Office 2						0.00		
	Adjacent to Principal Room	Sqm	1	5.3	6.9		36.57		
	Roof Beam	Sqm	2	5.3	0.4		4.24		
	3rd Building								
	Ground Floor								
	Room number 30								
		Sqm	1	9	6		54.00		
	Beam	Sqm	2	6		0.14	1.68		
	Room number 29								
		Sqm	1	9	6		54.00		
	Beam	Sqm	2	6		0.14	1.68		
	Room number 28								
		Sqm	1	9	6		54.00		
	Beam	Sqm	2	6		0.14	1.68		
	Room number 27								
		Sqm	1	9	6		54.00		
	Beam	Sqm	2	6		0.14	1.68		
	Room number 26								
		Sqm	1	9	6		54.00		
	Beam	Sqm	2	6		0.14	1.68		
	Ground Floor Corridor								
		Sqm	1	46.3	1.9		87.97		
	Toilet Block								
	Ground floor roof slab	Sqm	1	15.24	4.87		74.22		
	Entrance	Sqm	1	3.1	3.1		9.61		
	Total Executed Quantity						2875.31		
	Schedule B Quantity						950.53		
	Quantity upto 125%						1188.17	91.82	109099.33
	Quantity Above 125%						1687.14	91.82	154916.26

Item no. 14 KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

	Building 2								
	Ground Floor								
	Chemistry Lab	Sqm	2	11.15		1.5	33.45		
			2	5.6		1.6	17.92		
	W1	Sqm	1	2.7	0.08		0.22		
	W2	Sqm	5	5.2	0.08		2.08		
	Door Side Projection								
	D1	Sqm	1	2.85	0.08		0.23		

o	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
	LHS	Sqm	1	3.1	0.6		1.86		
	RHS (BOTH SIDE)	Sqm	1	2.63	0.51		1.34		
	First Floor roof to terrace								
	LHS	Sqm	1	2.6	2.4		6.24		
	RHS (BOTH SIDE)	Sqm	2	2.8	0.55		3.08		
	Mid landing	Sqm	1	2.95	1.9		5.61		
	LHS	Sqm	1	3.4	3.05		10.37		
	RHS (BOTH SIDE)	Sqm	2	2.7	0.55		2.97		
	Head room inside	Sqm	1	1.55	2.65		4.11		
	Toilet Block								
	Ground Floor								
	inside wall	Sqm	2	15.04		0.8	24.06		
		Sqm	2	4.67		0.8	7.47		
	Deduction								
	V	Sqm	-1	2		0.52	-1.04		
		Sqm	-1	2.42		0.52	-1.26		
		Sqm	-1	2.45		0.5	-1.23		
		Sqm	-1	2.45		0.5	-1.23		
	Toilet block								
	First Floor								
		Sqm	2	1.78		2.95	10.50		
		Sqm	2	2.95		3.1	18.29		
	Deduction								
	Grill	Sqm	-1	2.45		1.75	-4.29		
	Gate	Sqm	-1	1.25		2.15	-2.69		
		Sqm	-1	1.7		2.4	-4.08		
	D	Sqm	-1	0.9		2	-1.80		
	V	Sqm	-1	2.4		0.52	-1.25		
	Toilet block terrace								
	parapet wall	Sqm	1	15.10		0.80	12.08		
		Sqm	1	4.50		0.80	3.60		
		Sqm	1	3.45		0.80	2.76		
		Sqm	1	3.00		0.80	2.40		
	Total Executed Quantity						636.28	124.78	79397.17
	Schedule B Quantity						2441.10		

cm no. 17 KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer Laboratory block- Second Floor

	Building 2								
	office-2 adjacent to principal room								
	Terrace Parapet wall								
	Parapet wall	Sqm	1	124.4		0.7	87.08		
		Sqm	1	124.4	0.25		31.10		
	Staircase room								
	Outer wall paint	Sqm	1	1.8		2.1	3.78		
		Sqm	1	0.85		2.1	1.79		
		Sqm	2	3.9		2.4	18.72		
		Sqm	1	3.5		2.55	8.93		
	Building 2								
	Second Floor								
	Corridor painting	Sqm	1	11.7	1.45		16.97		
	Door projection	Sqm	1	2.7	0.07		0.19		
	W1	Sqm	1	2.55	0.08		0.20		
	W2	Sqm	2	3	0.08		0.48		

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
	Column	Sqm	8	1	0.1		0.80		
	another side column	Sqm	5	1.05	0.8		4.20		
	Beam	Sqm	10	1.97	0.37		7.29		
	Grill Top	Sqm	4	3.5	0.4		5.60		
	Deduction								
	Door D1	Sqm	-1	1.2		0.75	-0.90		
	Window W1	Sqm	-1	1.05		0.75	-0.79		
	W2	Sqm	-2	1.5		0.75	-2.25		
	Outer wall paint	Sqm	1	15		10.1	151.50		
		Sqm	1	15		10.65	159.75		
		Sqm	1	8.3		10.55	87.57		
	Chejja	Sqm	18	1.8	0.5		16.20		
		Sqm	6	1.1	0.5		3.30		
	Chejja Sides	Sqm	12	0.5		0.1	0.60		
	Column Projection	Sqm	8	10.65	0.12		10.22		
	Deduction								
	Front portion Grill	Sqm	-6	3.5		1.7	-35.70		
		Sqm	-2	2.9		1.7	-9.86		
		Sqm	-3	3.5		2	-21.00		
		Sqm	-1	2.9		2	-5.80		
	Gate	sqm	-1	1.8		2.9	-5.22		
	Grill	sqm	-2	1.7		1.7	-5.78		
	V	Sqm	-1	0.9		0.45	-0.41		
		Sqm	-2	0.9		0.6	-1.08		
	W	Sqm	-9	1.5		1.5	-20.25		
	V	Sqm	-1	1.15		0.45	-0.52		
	3rd Building								
	Terrace parapet wall	Sqm	2	46.10		0.70	64.54		
		Sqm	3	8.20		0.70	17.22		
	Extra	Sqm	2	46.10	0.12		11.06		
		Sqm	2	8.20	0.12		1.97		
	Total Executed Quantity						601.50	129.49	77889
	Schedule B Quantity						730.13		

Item no. 18 KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground

	Building 2								
	Ground Floor								
	Chemistry Lab								
	D1	Sqm	2	1.2		2.35	5.64		
	D2	Sqm	2	0.85		2.1	3.57		
	W1	Sqm	2	1.5		1	3.00		
	shutter	Sqm	4	1.5		1	6.00		
	W2	Sqm	10	1.5		1.5	22.50		
	shutter	Sqm	20	1.5		1.5	45.00		
	Ground Floor Corridor	Sqm	1	2.90		2.10	6.09		
		Sqm	2	3.55		2.10	14.91		
		Sqm	1	3.55		1.90	6.75		
	Grill Gate								
		Sqm	1	1.70		2.90	4.93		
	Staircase Grill Gate	Sqm	2	1.70		2.70	9.18		
	Building 2								
	Parapet wall								
	Tank grill paint	Sqm	2	1.80		2.10	7.56		
		Sqm	1	1.60		2.10	3.36		
		Sqm	1	1.80		1.60	2.88		

S. No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
	Adjacent to Principal Room								
	D	Sqm	1	1.20		2.20	2.64		
	W	Sqm	7	1.00		1.50	10.50		
	Ground Floor Office 2								
	Adjacent to Principal Room								
	W	Sqm	7	1.00		1.50	10.50		
	3rd Building								
	Ground Floor								
	Room number 30								
	W1	Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 29								
	W1	Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 28								
	W1	Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 27								
	W1	Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 26								
	W1	Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.80	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Toilet Block								
	Ventilator Grill								
	Ground Floor								
	V	Sqm	1	2		0.5	1.00		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	Total Executed Quantity						690.08	48.27	33307
	Schedule B Quantity						1249.60		

Item no. 19 KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground Floor

	Building 2								
	First Floor								
	Biology Lab								
	D1	Sqm	2	1.2		2.30	5.52		
	D2	Sqm	2	0.9		2.30	4.14		
	W1	Sqm	1	1.5		1.05	1.58		
	shutter	Sqm	2	1.5		1.05	3.15		
	W2	Sqm	5	1.5		1.5	11.25		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	First Floor Grill								
		Sqm	10	3.80		1.75	66.50		
	Gate	Sqm	1	0.80	0.60		0.48		
	3rd Building								
	Grill paint	Sqm	2	3.10		1.35	8.37		
		Sqm	2	1.40		1.35	3.78		
		Sqm	1	3.10	1.40		4.34		
	Toilet Block								
	Ventilator Grill								
	First Floor								
	V	Sqm	1	2		0.5	1.00		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	Total Executed Quantity						585.20		
	Schedule B Quantity						348.57		
	Quantity upto 125%						435.71	52.97	23081
	Quantity Above 125%						149.49	48.27	7215

em no. 20 KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Second Floor

	Second floor								
	Hall 1	Sqm	1			17.62	17.62		
				$(6.35 \times (2.55 + 3) / 2) = 17.62$					
		Sqm	1	28.6		2.74	78.36		
		Sqm	1	1.71		5.9	10.09		
		Sqm	1	3.78		2.31	8.73		
		Sqm	1	25.3		3.33	84.25		
	Door Above Grill	Sqm	1	1.92		1.4	2.69		
	Hall 2								
		Sqm	1	6.86		1.02	7.00		
		Sqm	1	6.86		2.2	15.09		
		Sqm	1			10.73	10.73		
				$(7.7 + (3.22 + 2.83) / 2) = 10.$					
		Sqm	1	2.83		2.23	6.31		
		Sqm	1	2.83		0.6	1.70		
		Sqm	1			10.73	10.73		
				$(7.7 + (2.83 + 3.22) / 2) = 10.$					
		Sqm	1	14.5		3.24	46.98		
		Sqm	1			11.56	11.56		
				$(5.9 \times (1.02 + 0.94)) = 11.56$					
		Sqm	1			16.76	16.76		

L No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	W1	Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 27								
	W1	Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Room number 26								
	W1	Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
		Sqm	2	1.47		1.8	5.29		
	shutter	Sqm	4	1.47		1.8	10.58		
	Toilet Block								
	Ventilator Grill								
	Ground Floor								
	V	Sqm	1	2		0.5	1.00		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	Total Executed Quantity						690.08	71.81	49554
	Schedule B Quantity						1249.60		

Item no. 22 KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. First Floor

	Building 2								
	First Floor								
	Biology Lab								
	D1	Sqm	2	1.2		2.3	5.52		
	D2	Sqm	2	0.9		2.3	4.14		
	W1	Sqm	1	1.5		1.05	1.58		
	shutter	Sqm	2	1.5		1.05	3.15		
	W2	Sqm	5	1.5		1.5	11.25		
	shutter	Sqm	10	1.5		1.5	22.50		
	First Floor								
	W	Sqm	4	0.95		1.35	5.13		
	shutter	Sqm	8	0.95		1.35	10.26		
	W	Sqm	6	0.95		1.35	7.70		
	shutter	Sqm	12	0.95		1.35	15.39		
	Class Room 2								
	W	Sqm	4	0.95		1.35	5.13		
	shutter	Sqm	8	0.95		1.35	10.26		
	W	Sqm	6	0.95		1.35	7.70		
	shutter	Sqm	12	0.95		1.35	15.39		
	Class Room 3								
	W	Sqm	1	0.75		1.35	1.01		
	shutter	Sqm	2	0.75		1.35	2.03		
		Sqm	1	0.5		1.35	0.68		
	shutter	Sqm	2	0.5		1.35	1.35		
		Sqm	4	0.95		1.35	5.13		
	shutter	Sqm	8	0.95		1.35	10.26		
	Class Room 5								
	W	Sqm	2	0.95		1.3	2.47		

L No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	Total Executed Quantity						585.20		
	Schedule B Quantity						348.57		
	Quantity upto 125%						435.71	76.52	33340
	Quantity Above 125%						149.49	71.81	10735

n no. 23 KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Second Floor

	Second floor								
	Hall 1	Sqm	1			17.62	17.62		
				$(6.35 \times (2.55 + 3) / 2) = 17.62$					
		Sqm	1	28.6		2.74	78.36		
		Sqm	1	1.71		5.9	10.09		
		Sqm	1	3.78		2.31	8.73		
		Sqm	1	25.3		3.33	84.25		
	Door Above Grill	Sqm	1	1.92		1.4	2.69		
	Hall 2								
		Sqm	1	6.86		1.02	7.00		
		Sqm	1	6.86		2.2	15.09		
		Sqm				10.73	10.73		
				$(7.7 + (3.22 + 2.83) / 2) = 10.725$					
		Sqm	1	2.83		2.23	6.31		
		Sqm	1	2.83		0.6	1.70		
		Sqm	1			10.73	10.73		
				$(7.7 + (2.83 + 3.22) / 2) = 10.73$					
		Sqm	1	14.5		3.24	46.98		
		Sqm	1			11.56	11.56		
				$(5.9 \times (1.02 + 0.94)) = 11.564$					
		Sqm	1			16.76	16.76		
				$(5.9 \times (1.82 + 1.02)) = 16.756$					
	Above Door	Sqm	1	2.01		1.06	2.13		
	Hall 1								
	Roof Sheet	Sqm	1	33.41	9.5		317.40		
		Sqm	1	9.2	2.5		23.00		
	Hall 2								
	Roof Sheet	Sqm	1	30.2	9.4		283.88		
	Second Floor								
	D	Sqm	1	1.2		1.75	2.10		
	D1	Sqm	1	0.9		1.7	1.53		
	D3	Sqm	1	0.9		2.35	2.12		
	W1	Sqm	1	1		0.9	0.90		
	shutter	Sqm	2	1		0.9	1.80		
	W2	Sqm	5	1.5		0.9	6.75		
	shutter	Sqm	10	1.5		0.9	13.50		
	Total Executed Quantity						983.69		
	Schedule B Quantity						42.00		
	Quantity upto 125%						52.50	81.23	4264
	Quantity Above 125%						931.19	71.81	66868

L No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
1 no. 24	KSRB 15-17.1 :Applying priming coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.								
	Building 1								
	Staff Room 1 adjacent to Principal Chamber								
	D								
	Shutter	Sqm	1	1.18		2.3		2.71	
	Frame	Sqm	1	1.18	0.25			0.30	
		Sqm	2	2.3	0.25			1.15	
	PU College								
	Staff Room no-2 adjacent to principal chamber								
	D								
	Shutter	Sqm	2	1.15		2.30		5.29	
	Frame	Sqm	1	1.15	0.25			0.29	
		Sqm	2	2.3	0.25			1.15	
	Kitchen and Toilet								
	D								
	Shutter	Sqm	2	1.00		2.00		4.00	
	Frame	Sqm	1	1	0.25			0.25	
		Sqm	2	2	0.25			1.00	
	Portion 2								
	D	Sqm	1	1.20		3.30		3.96	
	Frame	Sqm	1	1.2	0.25			0.30	
		Sqm	2	3.3	0.25			1.65	
	W	sqm	3	1.00		1.50		4.50	
	Watchman Room								
	D1	Sqm	1	1.17		2.30		2.69	
	Frame	Sqm	1	1.17	0.25			0.29	
		Sqm	2	2.3	0.25			1.15	
	D2	Sqm	1	0.89		2.00		1.78	
	Frame	Sqm	1	0.888	0.25			0.22	
		Sqm	2	2	0.25			1.00	
	Staff Room 3	Sqm							
	D	Sqm	1	1.20		2.25		2.70	
	Frame	Sqm	1	1.2	0.25			0.30	
		Sqm	2	2.25	0.25			1.13	
	Staff Room 4								
	D	Sqm	1	1.20		2.30		2.76	
	Frame	Sqm	1	1.2	0.25			0.30	
		Sqm	2	2.3	0.25			1.15	
	Staff Room 5								
	D	Sqm	1	1.20		2.30		2.76	
	Frame	Sqm	1	1.2	0.25			0.30	
		Sqm	2	2.3	0.25			1.15	
	Ground Floor								
	Class Room-1								
	D	Sqm	4	2.25		1.16		10.44	
	Frame	Sqm	2	2.25	0.25			1.13	
		Sqm	2	1.16	0.25			0.58	
	Class Room 2								
	D	Sqm	4	1.20		2.25		10.80	
	Frame	Sqm	2	1.2	0.25			0.60	
		Sqm	2	2.25	0.25			1.13	
	First Floor								
	Class Room 1								
	D	Sqm	4	1.20		1.90		9.12	

No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Class Room -31								
	D	Sqm	4	2.20		1.20	10.56		
	Frame	Sqm	2	2.2	0.25		1.10		
		Sqm	2	1.2	0.25		0.60		
	Total Executed Quantity						248.17	50.62	12562.04
	Schedule B Quantity						282.74		
no. 25	KSRB 15-17.19: Providing and applying painting one coat (excluding priming coat) on previously painted wood surface and I or wood based surface with enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials, labour, complete as per specifications								
	Building 1								
	Staff Room 1 adjacent to Principal Chamber								
	D								
	Shutter	Sqm	1	1.18		2.3	2.71		
	Frame	Sqm	1	1.18	0.25		0.30		
		Sqm	2	2.3	0.25		1.15		
	PU College								
	Staff Room no-2 adjacent to principal chamber								
	D								
	Shutter	Sqm	2	1.15		2.3	5.29		
	Frame	Sqm	1	1.15	0.25		0.29		
		Sqm	2	2.3	0.25		1.15		
	Kitchen and Toilet								
	D								
	Shutter	Sqm	2	1		2	4.00		
	Frame	Sqm	1	1	0.25		0.25		
		Sqm	2	2	0.25		1.00		
	Portion 2								
	D	Sqm	1	1.2		3.3	3.96		
	Frame	Sqm	1	1.2	0.25		0.30		
		Sqm	2	3.3	0.25		1.65		
	W	sqm	3	1		1.5	4.50		
	Watchman Room								
	D1	Sqm	1	1.17		2.3	2.69		
	Frame	Sqm	1	1.17	0.25		0.29		
	0	Sqm	2	2.3	0.25		1.15		
	D2	Sqm	1	0.888		2	1.78		
	Frame	Sqm	1	0.888	0.25		0.22		
		Sqm	2	2	0.25		1.00		
	Staff Room 3	Sqm							
	D	Sqm	1	1.2		2.25	2.70		
	Frame	Sqm	1	1.2	0.25		0.30		
		Sqm	2	2.25	0.25		1.13		
	Staff Room 4								
	D	Sqm	1	1.2		2.3	2.76		
	Frame	Sqm	1	1.2	0.25		0.30		
		Sqm	2	2.3	0.25		1.15		
	Staff Room 5								
	D	Sqm	1	1.2		2.3	2.76		
	Frame	Sqm	1	1.2	0.25		0.30		
		Sqm	2	2.3	0.25		1.15		
	Ground Floor								
	Class Room-1								
	D	Sqm	4	2.25		1.16	10.44		
	Frame	Sqm	2	2.25	0.25		1.13		
		Sqm	2	1.16	0.25		0.58		
	Class Room 2								

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
	Frame	Sqm	2	2.2	0.25		1.10		
	Class Room -32	Sqm	2	1.2	0.25		0.60		
	D	Sqm	4	2.2		1.2	10.56		
	Frame	Sqm	2	2.2	0.25		1.10		
	Class Room -31	Sqm	2	1.2	0.25		0.60		
	D	Sqm	4	2.2		1.2	10.56		
	Frame	Sqm	2	2.2	0.25		1.10		
		Sqm	2	1.2	0.25		0.60		
	Total Executed Quantity						248.17	65.92	16359.86
	Schedule B Quantity						282.74		
tem no.27	Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm. including cost of materials, labour, HOM complete as per specifications.								
	Building 3	Sqm	1	46.1	8.2		378.02		
	Total Executed Quantity						378.02	57.68	21805.25
	Schedule B Quantity						849.71		
tem no.28	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications.								
	Building 3	Cum	1	46.1	8.2	0.15	56.70		
	Total Executed Quantity						56.70	871.13	49395.57
	Schedule B Quantity						121.80		
Item no.29	KSRB 6-5.2 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1 : 8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2								
	For Chemistry Lab								
	For support wall	Cum	2	7.1	0.2	0.95	2.70		
		Cum	2	1.5	0.2	0.95	0.57		
	for Side Sink	Cum	13	0.6	0.2	0.9	1.40		
	For Biology lab								
	for Support								
	1 Shape Table	Cum	8	0.6	0.2	0.8	0.77		
		Cum	6	1.85	0.2	0.8	1.78		
	for Physics Lab								
	for Support	Cum	12	1.45	0.2	0.9	3.13		
		Cum	6	1.55	0.2	0.9	1.67		
	Total Executed Quantity						12.02		
	Schedule B Quantity						6.62		
	Quantity upto 125%						8.28	8100.31	67071
	Quantity Above 125%						3.74	8010.85	29977
Item no. 30	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification								
		kg	1			14381	14380.83		
			Assuming steel quantity as 3 kg/sft						
	Total Executed Quantity						14380.83		
	Schedule B Quantity						16200.00		
	Now To be Paid Qty						14380.83	130.67	1879131.55

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
m no. 31	Providing and fixing 6mm clear I opal white I solar I bronze I blue I green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incidental charges etc. complete as per specification and directions of the engineer in charge of the work.								
	Hall 1								
	Roof Sheet	Sqm	1	33.41	9.5		317.40		
		Sqm	1	9.2	2.5		23.00		
	Hall 2								
	Roof Sheet	Sqm	1	30.2	9.4		283.88		
	Total Executed Quantity						624.28		
	Schedule B Quantity						555.00		
	Quantity upto 125%						624.28	3679.93	2297286.55
em no. 32	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications.								
	Outside Toilet								
		m	2	6			12.00		
		m	3	3.2			9.60		
		m	1	6			6.00		
		m	2	14			28.00		
		m	1	19			19.00		
	Total Executed Quantity						74.60	1593.93	118907.09
	Schedule B Quantity						85.00		
tem no. 33	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.								
	Building 2								
	Ground Floor								
	Chemistry Lab								
	Toilet	Sqm	1	4.35	3.00		13.05		
		Sqm	1	1.3	1.3		1.69		
	Skirting								
		Sqm	1	14.75		0.15	2.21		
	WC	Sqm	1	1.5	1.2		1.80		
	Building 1								
	Ground floor								
	Watch man Kitchen Room	Sqm	1	2.55	1.60		4.08		
		Sqm	1	1.0	1.7		1.70		
		Sqm	1	0.4	1.1		0.44		
	Deduction	Sqm	-6	0.52	0.15		-0.47		
	Cladding								
	Building 1								
	Ground floor								
	Principle Chamber								
	Toilet Cladding	Sqm	1	2.60		2.30	5.98		
		Sqm	1	1.65		2.30	3.80		
		Sqm	1	1.35		2.30	3.11		
	Deduction								
	W	Sqm	1	0.93		-1.45	-1.35		
	D	Sqm	1	0.90		-2.00	-1.80		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
		Sqm	1	0.97		2.1	2.04		
		Sqm	1	1.40		2.1	2.94		
		Sqm	1	1.70		2.1	3.57		
		Sqm	1	1.55		2.1	3.26		
	Deduction								
		Sqm	1	-0.85		0.35	-0.30		
	Total Executed Quantity						122.09	1,338.48	163413.65
	Schedule B Quantity						630.49		

tem no. 34 KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, Weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg/m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.

	Hall 1								
	Sliding Window	Sqm	1	6.35		6	38.10		
				(1.5+1.5)*2					
		Sqm	1	28.6		1.51	43.19		
		Sqm	1	25.3		1.51	38.20		
	Hall 2								
	Sliding Window	Sqm	1	29.3		1.5	43.95		
		Sqm	1	29.3		1.46	42.78		
		Sqm	1	7.7		1.1	8.47		
		Sqm	1	7.7		1.44	11.09		
		Sqm	1	29.3		1.5	43.95		
	Toilet Block								
	Ground Floor								
	V	Sqm	1	2		0.5	1.00		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	First Floor								
	V	Sqm	1	2		0.5	1.00		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	2	2.45		0.5	2.45		
	V	Sqm	1	1.9		0.45	0.86		
	V	Sqm	1	2.4		0.5	1.20		
	V	Sqm	1	2.4		0.5	1.20		
	Total Executed Quantity						285.54	5265.62	1503512.55
	Schedule B Quantity						633.00		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
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em No 35 KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.
Specification No. KBS 7.12

Toilet Block									
Ground Floor									
V	kg	1			21.00	21.00			
		2*0.5*21=21							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
V	kg	2			25.73	51.45			
		2.45*0.5*21=25.73							
V	kg	1			17.96	17.96			
		1.9*0.45*21=17.96							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
First Floor									
V	kg	1			21.00	21.00			
		2*0.5*21=21							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
V	kg	2			25.73	51.45			
		2.45*0.5*21=25.73							
V	kg	1			17.96	17.96			
		1.9*0.45*21=17.96							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
V	kg	1			25.20	25.20			
		2.4*0.5*21=25.2							
Total Executed Quantity						332.01	111.83	37130.01	
Schedule B Quantity						8990.10			

Item No 38 KSRB 5-14.1 :Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4
- do - with solid concrete blocks of size 400x200x200mm
First Floor

	Toilet Block								
	First Floor	Sqm							
	Long wall	Sqm	2	15.24		2.9	88.39		
	Short Wall	Sqm	2	4.87		2.9	28.25		
	Deduction	Sqm							
	Ventillator grill	Sqm	-8	1.9		0.48	-7.30		
	Opening	Sqm	-1	2.4		0.52	-1.25		
	D2	Sqm	-1	0.8		2.1	-1.68		
	Total Executed Quantity						106.41		
	Schedule B Quantity						17.76		
	Quantity upto 125%						22.20	1111.76	24680.99
	Quantity Above 125%						84.21	1073.61	90412.69

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs

Item no.40 KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and 1 or sloping roof as per specifications.

	Ground Floor								
	Chemistry Lab	Sqm	1	11.15	5.6		62.44		
	Beam projection	Sqm	4	0.4	5.6		8.96		
	Building 2								
	First Floor								
	Biology Lab	Sqm	1	11.7	5.6		65.52		
	Beam projection	Sqm	2	0.40	5.6		4.48		
	Ground Floor to mid Landing	Sqm	1	2.6	1.5		3.90		
	mid Landing	Sqm	1	2.95	1		2.95		
	Mid Landing to First floor	Sqm	1	1.5	3.1		4.65		
	Ground Floor to First Floor mid Landing	Sqm	1	2.6	1.5		3.90		
	mid Landing portion	Sqm	1	2.95	1.0		2.95		
	mid landing to Terrace	Sqm	1	3.10	1.5		4.65		
	Head Room Ceiling	Sqm	1	3.50	3.9		13.65		
	Building 1								
	Ground floor								
	Principle Chamber								
	Toilet Room	Sqm	1	2.60	2.3		5.98		
	Staff room no.2	Sqm	1	5.25	3.30		17.33		
	Staff room no.2								
	Kitchen to Toilet	Sqm	1	2.60		3.30	8.58		
		Sqm	1	2.60		0.65	1.69		
	Deduction								
	W	Sqm	-2	0.95	0.25		-0.48		
		Sqm	-2	0.85	0.22		-0.37		
	Watchman Room	Sqm	1	5.05	1.90		9.60		
	Staff Room 3	sqm	1	6.95	5.25		36.49		
	beam	sqm	2	5.25		0.42	4.41		
	Staff room 4	Sqm	1	6.95	5.25		36.49		
	beam	Sqm	2	5.25		0.45	4.73		
	Staff room 5	Sqm	1	6.95	5.25		36.49		
	beam	Sqm	2	5.25		0.45	4.73		
	Class Room-1	Sqm	1	10.65	5.30		56.45		
	Class Room 2	Sqm	1	10.65	5.30		56.45		
	First Floor								
	Class Room 1	Sqm	1	10.75	5.60		60.20		
	Beam side	sqm	4	5.60		0.40	8.96		
	Class Room 2								
		Sqm	1	10.75	5.6		60.20		
	Beam side	sqm	4	5.6		0.4	8.96		
	Class Room 3								
		Sqm	1	7.20	5.60		40.32		
	Beam Side	Sqm	2	5.60		0.40	4.48		
	Class Room 4	Sqm	1	10.80	5.45		58.86		
	Beam side	sqm	4	5.45		0.40	8.72		
	Class Room 5	Sqm	1	10.90	5.70		62.13		
	Beam Side	Sqm	4	5.70		0.40	9.12		
	Library	Sqm	8	6.00		0.30	14.40		
	Computer lab								

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Building 2								
	Second Floor								
	Physics Lab	Sqm	1	11.2	5.6		62.72		
	Beam	Sqm	4	5.60		0.40	8.96		
	Total Executed Quantity						2170.63		
	Schedule B Quantity						1250.97		
	Quantity upto 125%						1563.71	138.91	217215
	Quantity Above 125%						606.91	138.91	84306

tem no. 41 Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.

Ground Floor

	Building 2								
	Ground Floor								
	Chemistry Lab								
	Side sink granite portion	Sqm	1	8.7	0.6		5.22		
		Sqm	1	5	0.6		3.00		
		Sqm	1	6.7	0.6		4.02		
	Centre Sink Granite portion	Sqm	1	7.1	1.5		10.65		
	Building 1								
	watch Man Room	Sqm	1	0.4	0.55		0.19		
		Sqm	1	0.15	0.4		0.06		
		Sqm	1	0.25	0.25		0.06		
	For Toilet Block								
	for sink	Sqm	2	0.90	0.60		1.08		
	Total Executed Quantity						24.29	4149.63	100773.76
	Schedule B Quantity						33.50		

Item no. 42 Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.

First Floor

	Building 2								
	First Floor								
	Biology Lab								
	Granite table top	Sqm	3	1.85	1.65		9.16		
	L shape table	sqm	1	6.75	0.6		4.05		
		Sqm	1	3.7	0.6		2.22		
	For Toilet Block								
	For Sink	Sqm	2	0.9	0.6		1.08		
	Total Executed Quantity						16.51	4151.81	68536.00
	Schedule B Quantity						41.60		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item no. 43	Providing and laying platform using prepolished, water cut 1 gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specific Second Floor								
	Building 2								
	Second Floor								
	Physics Lab								
		Sqm	6	1.45	1.90		16.53		
	Total Executed Quantity						16.53	4153.99	68665.45
	Schedule B Quantity						41.60		
Item no. 44	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification Ground floor								
	Ground Floor	m							
		m	1	8.7			8.70		
		m	1	5.0			5.00		
		m	1	6.7			6.70		
		m	1	7.1			7.10		
	Total Executed Quantity						27.50	589.07	16199.39
	Schedule B Quantity						33.50		
Item no. 45	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification First Floor								
	Building 2								
	First Floor								
	Biology Lab								
	Granite table top	m	3	1.85			5.55		
	L shape table	m	1	6.75			6.75		
		m	1	3.7			3.70		
	For Toilet Block	m							
	For Sink	m	2	0.9			1.80		
	Total Executed Quantity						17.80	591.25	10524.23
	Schedule B Quantity						41.60		
Item no. 46	Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification								
	Building 2								
	Second Floor								
	Physics Lab								
		m	6	1.45			8.70		
	Total Executed Quantity						8.70	593.43	5162.83
	Schedule B Quantity						41.60		
Item no. 47	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. First floor								
	Building 3								
	First floor corridor	Sqm	1	46.5		1.8	83.70		
	Skirting	Sqm	2	46.5		0.15	13.95		
	Column extra	Sqm	18		0.25	0.15	0.68		

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
	Door side extra	Sqm	20		0.1	0.15	0.30		
	Door Deduction	Sqm	10		1.2	0.15	1.80		
	Total Executed Quantity						100.43		
	Schedule B Quantity						73.33		
	Quantity upto 125%						91.66	1340.66	122887.92
	Quantity Above 125%						8.76	1340.83	11749.03

48 Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification. Second floor

	Cladding								
	Building 2								
	Second Floor								
	Physics Lab	Sqm	2	11.20		1.75	39.20		
		sqm	2	5.60		1.75	19.60		
	window Projection								
		Sqm	1	1.00	0.08		0.08		
		Sqm	2	0.90	0.08		0.14		
		Sqm	5	1.50	0.08		0.60		
		Sqm	10	0.90	0.08		0.72		
	Column projection								
		Sqm	8	0.08		1.75	1.12		
	D	Sqm	1	0.10		1.75	0.18		
	D1	Sqm	2	0.08		1.70	0.27		
	Deduction								
	W1	Sqm	-1	1.00		0.90	-0.90		
	W2	Sqm	-5	1.50		0.90	-6.75		
	D1	Sqm	-1	1.20		1.75	-2.10		
		Sqm	-1	0.90		1.70	-1.53		
	Hall 1								
		Sqm	1	3.31	6.8		22.51		
		Sqm	1	7.19	3.8		27.32		
		Sqm	1	7.765	2.55		19.80		
		Sqm	1	7.82	21.31		166.64		
	Skirting	Sqm	1	75.43	0.15		11.31		
	Hall 2								
		Sqm	1	7.7	29.3		225.61		
		Sqm	1	74		0.66	48.84		
	Total Executed Quantity						572.67		
	Schedule B Quantity						73.33		
	Quantity upto 125%						91.66	1342.84	123087.74
	Quantity Above 125%						481.01	1343.19	646082.76

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item no. 52	KSRB 11-13: Providing and fixing white glazed fire clay laboratory sink with M.S.I.C.I brackets, C.P brass chain with rubber plug, 32 mm C.P. brass waste, tap with union, brass stop cock complete, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.								
	Ground Floor								
	Chemistry Lab								
	Dimension of sinks	Unit	10				10.00		
	Total Executed Quantity						10.00	4843.00	48430.01
	Schedule B Quantity						10.00		
Item no. 53	Providing & fixing Polyethylene-Aluminium-Polyethylene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabilized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C including all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 meter spacing, cutting & making good the walls etc., including testing complete as required. (Internal work) -1620 (20mm OD) Pipe								
	Ground Floor	m	2	6			12.00		
		m	2	6			12.00		
		m	1	15			15.00		
		m	1	20			20.00		
		m	20	1			20.00		
	First Floor								
		m	2	6			12.00		
		m	2	6			12.00		
		m	1	15			15.00		
		m	1	20			20.00		
		m	20	1			20.00		
	Building 2								
		m	1	32			32.00		
		m	2	10			20.00		
		m	2	10			20.00		
		m	1	8			8.00		
		m	2	3			6.00		
		m	1	53			53.00		
	Total Executed Quantity						297.00	251.92	74820.48
	Schedule B Quantity						297.20		
Item no. 54	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).								
		Each	10				10.00		
	Total Executed Quantity						10.00	335.50	3355.02
	Schedule B Quantity						99.00		
Item no. 55	Waterproofing of RCC Terrace/podium slab/ toilet/ utilities/ water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids, cracks I construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates@ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanollinear copolymer@ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic I styrene I butadiene & cement in the ratio of 1:0.1, @ 0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification								
	Building 3	Sqm	1	46.1	8.2		378.02		
	Total Executed Quantity						378.02	619.21	234072.71
	Schedule B Quantity						460.00		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item no. 56	KSRB 10-2: Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1 : 3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS								
	Building 3	Sqm	1	46.1	8.2		378.02		
	Total Executed Quantity						378.02	1151.30	435215.03
	Schedule B Quantity						552.40		
Item no. 57	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials, labour charges complete as per specifications MORT&H Chapter-2								
	From Ground to Gate								
0	10	Sqm	1	10	10.28		102.75		
10	20.7	Sqm	1	10.7	10.75		115.03		
20.7	23.8	Sqm	1	3.1	12.45		38.60		
23.8	25.1	Sqm	1	1.3	12.25		15.93		
25.1	26.5	Sqm	1	1.4	12.8		17.92		
26.5	31	Sqm	1	4.5	13.6		61.20		
31	33.5	Sqm	1	2.5	13.9		34.75		
33.5	34.6	Sqm	1	1.1	11.95		13.15		
34.6	42.6	Sqm	1	8	10.18		81.40		
0	2.9	Sqm	1	2.9	7.65		22.19		
2.9	10.6	Sqm	1	7.7	9.2		70.84		
0	0	Sqm	0	0	0		0.00		
0	10	Sqm	1	10	11.28		112.75		
10	15.8	Sqm	1	5.8	10.8		62.64		
15.8	26	Sqm	1	10.2	8.725		89.00		
26	32.8	Sqm	1	6.8	8.6		58.48		
32.8	41.5	Sqm	1	8.7	9.425		82.00		
41.5	45	Sqm	1	3.5	11.35		39.73		
45	50.3	Sqm	1	5.3	8.475		44.92		
50.3	53.8	Sqm	1	3.5	11.5		40.25		
53.8	59.5	Sqm	1	5.7	11.15		63.56		
59.5	63	Sqm	1	3.5	15.6		54.60		
	From Approach								
0	1.7	Sqm	1	1.7	4.6		7.82		
1.7	10	Sqm	1	8.3	5.275		43.78		
10	20	Sqm	1	10	4.9		49.00		
20	30	Sqm	1	10	4.7		47.00		
30	40	Sqm	1	10	4.8		48.00		
40	43.7	Sqm	1	3.7	4.55		16.84		
43.7	48.5	Sqm	1	4.8	3.875		18.60		
	Deduction	Sqm							
		Sqm	-1	0.9	0.85		-0.77		
	Tree Pots	Sqm							
		Sqm	-1	1	1.2		-1.20		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item no. 62	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.								
	From Ground to Gate								
0	10	Cum	1	10	10.28	0.1	10.28		
10	20.7	Cum	1	10.7	10.75	0.1	11.50		
20.7	23.8	Cum	1	3.1	12.45	0.1	3.86		
23.8	25.1	Cum	1	1.3	12.25	0.1	1.59		
25.1	26.5	Cum	1	1.4	12.8	0.1	1.79		
26.5	31	Cum	1	4.5	13.6	0.1	6.12		
31	33.5	Cum	1	2.5	13.9	0.1	3.48		
33.5	34.6	Cum	1	1.1	11.95	0.1	1.31		
34.6	42.6	Cum	1	8	10.18	0.1	8.14		
0	2.9	Cum	1	2.9	7.65	0.1	2.22		
2.9	10.6	Cum	1	7.7	9.2	0.1	7.08		
0	10	Cum	1	10	11.28	0.1	11.28		
10	15.8	Cum	1	5.8	10.8	0.1	6.26		
15.8	26	Cum	1	10.2	8.725	0.1	8.90		
26	32.8	Cum	1	6.8	8.6	0.1	5.85		
32.8	41.5	Cum	1	8.7	9.425	0.1	8.20		
41.5	45	Cum	1	3.5	11.35	0.1	3.97		
45	50.3	Cum	1	5.3	8.475	0.1	4.49		
50.3	53.8	Cum	1	3.5	11.5	0.1	4.03		
53.8	59.5	Cum	1	5.7	11.15	0.1	6.36		
59.5	63	Cum	1	3.5	15.6	0.1	5.46		
	From Approach								
0	1.7	Cum	1	1.7	4.6	0.1	0.78		
1.7	10	Cum	1	8.3	5.275	0.1	4.38		
10	20	Cum	1	10	4.9	0.1	4.90		
20	30	Cum	1	10	4.7	0.1	4.70		
30	40	Cum	1	10	4.8	0.1	4.80		
40	43.7	Cum	1	3.7	4.55	0.1	1.68		
43.7	48.5	Cum	1	4.8	3.875	0.1	1.86		
	Deduction								
	Tree Pots	Cum	-1	0.9	0.85	0.1	-0.08		
		Cum	-1	1	1.2	0.1	-0.12		
		Cum	-1	1.85	1.7	0.1	-0.31		
		Cum	-1	1.85	2	0.1	-0.37		
		Cum	-1	0.95	0.9	0.1	-0.09		
		Cum	-1	0.95	0.95	0.1	-0.09		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Steps Deduction								
		Cum	-1	1.6	1.4	0.1	-0.22		
		Cum	-1	2.8	0.6	0.1	-0.17		
		Cum	-1	2.8	0.6	0.1	-0.17		
		Cum	-1	2.6	0.6	0.1	-0.16		
		Cum	-1	2.7	0.3	0.1	-0.08		
	Pit Chamber								
		Cum	-5		0.502	0.1	-0.25		
				(3.14*0.82)/4					
	Extra Concrete								
		Cum	1	2	3	0.1	0.60		
		Cum	1	1.3	1.6	0.1	0.21		
		Cum	1	0.9	1.5	0.1	0.14		
		Total Executed Quantity						144.11	
		Schedule B Quantity						135.00	
		Quantity upto 125%						144.11	2021.95
									291375.73
Item no. 63	KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and IS 456 Table-5 22.1.1 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor.								
		From Ground to Gate							
0	10	Cum	1	10	10.28	0.15	15.41		
10	20.7	Cum	1	10.7	10.75	0.15	17.25		
20.7	23.8	Cum	1	3.1	12.45	0.15	5.79		
23.8	25.1	Cum	1	1.3	12.25	0.15	2.39		
25.1	26.5	Cum	1	1.4	12.8	0.15	2.69		
26.5	31	Cum	1	4.5	13.6	0.15	9.18		
31	33.5	Cum	1	2.5	13.9	0.15	5.21		
33.5	34.6	Cum	1	1.1	11.95	0.15	1.97		
34.6	42.6	Cum	1	8	10.18	0.15	12.21		
0	2.9	Cum	1	2.9	7.65	0.15	3.33		
2.9	10.6	Cum	1	7.7	9.2	0.15	10.63		
						0.15			
0	10	Cum	1	10	11.28	0.15	16.91		
10	15.8	Cum	1	5.8	10.8	0.15	9.40		
15.8	26	Cum	1	10.2	8.725	0.15	13.35		

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
		m	1	4.45			4.45		
		m	1	5.4			5.40		
		m	1	5.7			5.70		
	Total length								
	No of Kerb Stones						64.15		
	Sub Total	Nos					143.00		
							143.00		
							143.00	471.40	67410.66
							143.00		
							488.89		
Item no. 73	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
	LHS								
0	22	Sqm	1	22		0.4	8.80		
	RHS	Sqm							
0	12.1	Sqm	1	12.1		0.4	4.84		
12.1	15.6	no Kerb	1	0		0.4	0.00		
15.6	23.8		1	8.2		0.4	3.28		
23.8	26.5	no Kerb	1	0		0.4	0.00		
26.5	32.8		1	6.3		0.4	2.52		
	for Tree Pots	Sqm	0	0		0.4	0.00		
		Sqm	1	4.45		0.4	1.78		
		Sqm	1	5.4		0.4	2.16		
		Sqm	1	5.7		0.4	2.28		
							25.66	92.43	2371.81
							59.40		
Item no. 74	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
		Cum					288.21		
							23633.43		
							23.66		
		Tonne					23.66		
							1.12		
							1.40	78836.41	110617.34
							22.25	87359.79	1943949.62
Item no. 77	KSRRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.								
	Toilet Block						56.25		
	Footing	Cum	14	1.4	1.4	2.05			
	SSM Footing						10.29		
	Long wall	Cum	2	15.24	0.45	0.75	3.29		
	Short Wall	Cum	2	4.87	0.45	0.75			
	for Partian Wall						3.99		
	long wall	Cum	1	11.84	0.45	0.75	4.94		
		Cum	1	14.64	0.45	0.75	78.76		
							71.91		
							78.76	351.98	27722.12

SL No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Staff Room no-2 adjacent to principal chamber								
	Kitchen	Sqm	1	2.6	1.72		4.47		
		Sqm	1	1.00	0.20		0.20		
	Toilet Flooring	Sqm	1	2.28	1.35		3.08		
		Sqm	1	0.10	0.75		0.08		
	Watchman Toilet								
		Sqm	1	1.55	1.40		2.17		
	Deduction	Sqm	1	-0.12	0.28		-0.03		
	Toilet Block Flooring								
	Ground Floor	Sqm	11	1.23	1.3		17.59		
		Sqm	9	1.10	1.55		15.35		
		Sqm	1	15.00	1.6		24.00		
		Sqm	1	1.45	2.75		3.99		
	Total Executed Quantity						78.66	1424.41	112048.38
	Schedule B Quantity						82.47		
em no. 114	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. cement mortar 1:6, 1st Floor TOILET FLOORING								
	Building 2								
	Second Floor								
	Physics Lab								
	Toilet								
	Flooring	Sqm	1	3.00	2.1		6.30		
	Cladding	Sqm	2	2.05		3.00	12.92		
		Sqm	2	2.05		2.10	8.61		
		Sqm	1	1.50		1.90	2.85		
		Sqm	1	0.75		1.90	1.43		
		Sqm	1	0.65		2.05	1.33		
		Sqm	1	1.65		2.05	3.38		
	Door Edge	Sqm	1	0.14		1.85	0.26		
	Deduction	Sqm	-1	0.90		1.75	-1.58		
	Toilet Block								
	First Floor	Sqm	11	1.23	1.3		17.59		
		Sqm	9	1.1	1.55		15.35		
		Sqm	1	15	1.6		24.00		
		Sqm	1	1.45	2.75		3.99		
		Sqm	1	1.75	3.1		5.43		
	Building 1 (PU College)								
	Ground Floor								
	Principal chamber	Sqm	1	2.60	1.00		2.60		
	Total Executed Quantity						104.45		
	Schedule B Quantity						82.47		
	Quantity upto 125%						103.09	1426.77	147084.78
	Quantity above 125%						1.36	1426.77	1937.55
em no. 115	KSRB15-5 : Providing rough cement-plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. WALL CLADDING PLASTERING								
	Ground Floor								
	Toilet Block								
	for Wall Cladding	Sqm	11	4.4		2.1	101.64		
		Sqm	9	4.5		2.1	85.05		
		Sqm	1	15		2.1	31.50		
		Sqm	1	12.2		2.1	25.62		

SL No	Description of Item	Unit	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Skirting	Sqm	1	7.05	0.15	1.06		
	Deduction							
	D	Sqm	-40	0.75	2.1	-63.00		
	Total Executed Quantity					198.79	1498.58	297907.09
	Schedule B Quantity					263.19		
Item no. 118	Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications							
	Toilet Block							
	Ground floor							
	D1	cum	1	6.0	0.15	0.1	0.09	
	Total Executed Quantity					0.09	71277.11	6414.94
	Schedule B Quantity					0.18		
Item no. 119	Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. 1st Floor							
	Toilet Block							
	First Floor							
	D1	cum	1	6	0.15	0.1	0.09	
	Total Executed Quantity					0.09		
	Schedule B Quantity					0.08		
	Quantity limited to					0.08	71281.81	5880.75
Item no. 120	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.							
	Toilet Block							
	Ground Floor						99.00	
	D2	m	20	4.95			99.00	423.79
	Total Executed Quantity					178.65		41955.41
	Schedule B Quantity							
Item no. 121	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. 1st Floor							
	Toilet Block						99.00	
	First Floor						99.00	428.50
	D2	m	20	4.95			99.00	42421.58
	Total Executed Quantity					118.75		
	Schedule B Quantity							
Item no. 122	Fixing of frames in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges complete as per specifications.							
	Toilet Block						1.00	
	Ground floor						20.00	
	D1	nos	1				21.00	1608.06
	D2	nos	20				38.00	33769.16
	Total Executed Quantity							
	Schedule B Quantity							

L No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
no.129	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenoned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications. 1st floor								
	Hall 1								
	Fixed Window	Sqm	1	6.35		1.31	8.32		
				(1.1+1.52)/2					
		Sqm	1	28.6		1.29	36.89		
		Sqm	1	25.3		1.82	46.05		
	Fixed Window	Sqm	1	29.3		1.6	46.88		
		Sqm	1	29.3		1.21	35.45		
		Sqm	1	29.3		1.74	50.98		
	Total Executed Quantity						224.57		
	Schedule B Quantity						6.30		
	Quantity upto 125%						7.88	3924.78	30907.68
	Quantity above 125%						216.70	3931.85	852025.56
n No 130	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, 8-trap) with black solid plasticseat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed Ivitreous china clay low level, flushing cistern (all are approved make) with fittings, C. I I M.S brackets, 40mm diameter flush bend with fittings								
	Toilet Block						2.00		
	Ground Floor	no	2				2.00		
	First Floor	no	2				1.00		
	chemistry Lab Toilet	no	1				1.00		
	Phsics lab Toilet	no	1				1.00		
	Biology lab Toilet	no	1				1.00		
	Principle Chamber Staff-1	no	1				1.00		
	Principle Chamber Staff-2	no	1				1.00		
	Total Executed Quantity						9.00	5658.80	50929.20
	Schedule B Quantity						52.00		
n No 131	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.								
	chemistry Lab Toilet	no	1				1.00		
	Phsics lab Toilet	no	2				2.00		
	Biology lab Toilet	no	2				2.00		
	Total Executed Quantity						5.00	4717.04	23585.20
	Schedule B Quantity						16.00		
m No 132	Providing and fixing 1500x450mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications								
	chemistry Lab Toilet	no	1				1.00		
	Phsics lab Toilet	no	1				1.00		
	Biology lab Toilet	no	1				1.00		

Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount	
			(m)	(m)	(m)		Rs	Rs	
Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gml sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr 1sqm. Detailed specification & Methodology									
1. Membrane thickness 4mm (+ or - 5%)									
2. Tensile strength - Longitudinal 790 N15cm Transverse 730 N15cm									
3. Elongation of Membrane - Longitudinal 65% Transverse 69%									
4. Tear Resistance - Longitudinal 180 N Transverse 190 N									
5. Lap joint strength - Longitudinal 750 N15cm Transverse 550 N15cm									
6. Puncture Resistance - Static 1.4 Dynamic 1.3									
7. Water absorption - < 0.15%									
8. Water permeability - Nil									
9. Chemical resistance - Chloride, sulphate and Nitrate									
The area to be water proofed shall be free from loose aggregate, dust free and in dry condition. Primer must be applied to the surface and allowed to dry prior to application of membrane. The membrane shall be applied within 6 hours after application of primer. The membrane comes in a roll form shall be unrolled and placed in the correct position where it has to be torched. Each layer must overlap the next layer by min 10cm at the adjacent and 15cm at the ends. The heat application through propane gas torch shall be applied on membrane thus causing melting and subsequent adhesion in the surface. The membrane should be properly placed and torched on in staggered position. and lifts etc., complete including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.									
Toilet Block Roof	Sqm	1	15.24	4.87			74.22		
	Sqm	1	3.1	3.1			9.61		
Total Executed Quantity						83.83	506.20	42433.80	
Schedule B Quantity						187.93			
43	KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications for 1000 Litres Capacity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading, with all lead and lifts etc., complete & as per specification and as directed by Engineer.								
	Nos	2					2.00		
Total Executed Quantity						2.00	8037.92	16075.84	
Schedule B Quantity						2.00			
46	Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 19/20mm dia 2mm thick								
	mtrs	1	200				200.00		
Total Executed Quantity						200.00	51.45	10289.60	
Schedule B Quantity						200.00			
147	Supplying heavy gauge PVC conduit pipe mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 25mm dia 2mm thick								
	mtrs	1	160				160.00		
Total Executed Quantity						160.00	68.17	10906.98	
Schedule B Quantity						160.00			

	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
58	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .1-3Way								
		Nos	8				8.00		
		Total Executed Quantity					8.00	122.19	977.51
		Schedule B Quantity					8.00		
59	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .4-5Way								
		Nos	18				18.00		
		Total Executed Quantity					18.00	135.05	2430.92
		Schedule B Quantity					18.00		
60	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .6Way								
		Nos	8				8.00		
		Total Executed Quantity					8.00	160.78	1286.20
		Schedule B Quantity					8.00		
61	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .8 Way								
		Nos	8				8.00		
		Total Executed Quantity					8.00	186.50	1491.99
		Schedule B Quantity					8.00		
62	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .10-12Way								
		Nos	4				4.00		
		Total Executed Quantity					4.00	212.22	848.89
		Schedule B Quantity					4.00		
63	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall .1-3Way								
		Nos	8				8.00		
		Total Executed Quantity					8.00	128.62	1028.96
		Schedule B Quantity					8.00		
64	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module								
		Nos	8				8.00		
		Total Executed Quantity					8.00	141.48	1131.86
		Schedule B Quantity					8.00		

No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Landing to Ground Floor Roof	Sqm							
	Tread	Sqm	8	1.50	0.28		3.36		
	Rise	Sqm	9	1.50		0.16	2.16		
	Staircase approach	Sqm	1	1.35	0.50		0.68		
	Skirting	Sqm	8	0.28		0.15	0.34		
	Total Executed Quantity						558.35	4,089.59	2283432.73
2	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thick (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. First Floor								
	Building 2								
	First Floor								
	Biology Lab	Sqm	1	11.20	5.60		62.72		
	Deduction								
		Sqm	-6	1.85	0.20		-2.22		
		Sqm	-8	0.60	0.20		-0.96		
	Stage Skirting	Sqm	1	5.70		0.15	0.86		
	Building 2								
	First Floor Corridor	Sqm	1	14.7	1.97		28.96		
	Building 2								
	Wall cladding								
	Biology Lab								
		Sqm	2	11.2		1.55	34.72		
		Sqm	2	5.6		1.55	17.36		
	Coloumn Projection	Sqm	8	0.1		1.55	1.24		
	Door projection	Sqm	1	1.2	0.12		0.14		
	Window Side Projection								
	W1	Sqm	1	2.45	0.1		0.25		
	W2	Sqm	5	2.7	0.1		1.35		
	W1	Sqm	1	2.45		0.80	1.96		
	W2	Sqm	5	2.7		0.80	10.80		
	Deduction for wall cladding								
	W1	Sqm	-1	1.05		0.70	-0.74		
	W2	Sqm	-5	1.05		0.70	-3.68		
	D1	Sqm	-1	1.55		1.20	-1.86		
		Sqm	-1	1.55		0.90	-1.40		
	Wall cladding								
	Building 2								
	Biology Lab								
	For Biology lab								
	for Support								
	1 Shape Table	Sqm	16	0.6		0.8	7.68		

No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs

34

Providing and Fixing Stainless Steel sink of sizes above 60cms x 45cms in 20mm thick granite slab of by cutting required thickness and width of grooves and fixing using adhesives etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.

	Toilet Block								
	Ground Floor	nos	2				2.00		
	First Floor	nos	2				2.00		
	Total Executed Quantity						4.00	1848.20	7392.82

35

KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner topping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt), including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 Ground Floor

	Building 2								
	Ground Floor								
	Chemistry Lab								
		Sqm	1	11.15	5.6		62.44		
							0.00		
	Deduction						-10.65		
	Center Sink	Sqm	-1	7.1	1.5		29.25		
	Corridor	Sqm	1	15	1.95		0.39		
	Step	Sqm	2	0.55	0.35		17.23		
	Staff room 1 nadjacent to principal chamber	Sqm	1	5.3	3.25		0.22		
		Sqm	1	1.1	0.2		0.32		
		Sqm	1	1.15	0.28				
	Building 1 (PU College)								
	Ground floor								
	Staff Room no-2 adjacent to principal chamber								
		Sqm	1	5.25	3.25		17.06		
	Flooring	Sqm	1	1.16	0.6		0.70		
	Approach	Sqm	1	6.9	5.25		36.23		
	Staff Room 3	sqm	1	6.9	5.2		35.88		
	Staff Room 4	sqm	1	1.12	0.36		0.40		
	Approach	sqm	1	6.9	5.2		35.88		
	Staff Room 5	sqm	1	1.12	0.36		0.40		
		sqm	1	1	0.2		0.20		
		Sqm	1	2.28		1.35	3.08		
	Toilet beside Kitchen	Sqm	1	2.28					
	Watchman Room								
		Sqm	1	5.05	1.9		9.60		
	Building 2								
	Ground Floor								
	Chemistry Lab								
	Toilet	Sqm	1	4.35	3		13.05		
		Sqm	1	1.3	1.3		1.69		
		Sqm	1	1.5	1.2		1.80		
	WC	Sqm	1						

No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Building 1								
	Ground floor								
	Watch man Kitchen Room	Sqm	1	2.55	1.6		4.08		
		Sqm	1	1	1.7		1.70		
		Sqm	1	0.4	1.1		0.44		
	Deduction	Sqm	-6	0.52	0.15		-0.47		
	Total Executed Quantity						260.91	825.22	215304.86

36 KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner topping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt), including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 First Floor

	Building 2								
	First Floor								
	Biology Lab	Sqm	1	11.2	5.6		62.72		
	Deduction								
		Sqm	-6	1.85	0.2		-2.22		
		Sqm	-8	0.6	0.2		-0.96		
	Building 2								
	First Floor Corridor	Sqm	1	14.7	1.97		28.96		
	Building 3								
	First floor corridor	Sqm	1	46.5		1.8	83.70		
	Total Executed Quantity						172.20	827.57	142507.00

E7 Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thick (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. Second Floor

	Building 2								
	Second Floor								
	Physics Lab	Sqm	1	5.60	11.20		62.72		
		sqm	1	1.20	0.10		0.12		
	Stage	Sqm	2	1.25	0.15		0.38		
		sqm	1	2.50		0.15	0.38		
	Second Floor Corridor	Sqm	1	14.7	1.97		28.96		
	Deduction								
	Table side wall	sqm	-12	1.45	0.17		-2.96		
		sqm	-6	1.55	0.20		-1.86		
		sqm	-6	1.55	0.20		-1.86		
	Cladding								
	Second Floor Corridor								
		Sqm	1	11.2		1.55	17.36		
		Sqm	1	14.7		0.9	13.23		
		Sqm	1	1.85		0.9	1.67		
	Window Side Projection								
	W1	Sqm	1	2.55	0.1		0.26		
	W2	Sqm	2	3	0.1		0.60		

No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount	
				(m)	(m)	(m)		Rs	Rs	
	Providing and fixing M.S. Grill over existing compound wall as per, using 16mm x 16mm M.S Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x 12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.									
	Hall 1	Sqm	1				17.621	17.62		
				(6.35*(2.55+3)/2)=17.62						
		Sqm	1	28.6			2.74	78.36		
		Sqm	1	1.71			5.9	10.09		
		Sqm	1	3.78			2.31	8.73		
		Sqm	1	25.3			3.33	84.25		
	Door Above Grill	Sqm	1	1.92			1.4	2.69		
	Hall 2									
		Sqm	1	6.86			1.02	7.00		
		Sqm	1	6.86			2.20	15.09		
		Sqm	1				10.725	10.73		
				(7.7+(3.22+2.83)/2)=10.73						
		Sqm	1	2.83			2.23	6.31		
		Sqm	1	2.83			0.60	1.70		
		Sqm	1				10.73	10.73		
				(7.7+(2.83+3.22)/2)=10.73						
		Sqm	1	14.5			3.24	46.98		
		Sqm	1				11.564	11.56		
				(5.9*(1.02+0.94))=11.56						
		Sqm	1				16.756	16.76		
				(5.9*(1.82+1.02))=16.756						
	Above Door	Sqm	1	2.01			1.06	2.13		
	Total Executed Quantity							330.72	6320.39	2090289.38
	KSRB 12-5.4 : - Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 2.29m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter conforming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4									
		Nos	5					5.00		
	Total Executed Quantity							5.00	41028.95	205144.76
	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6									
	For Manhole	Nos	40					40.00		
	Total Executed Quantity							40.00	324.91	12996.29

SL No	Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount
				(m)	(m)	(m)		Rs	Rs
E11	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 Second Floor								
	Building 2								
	Second Floor								
	Physics Lab	Sqm	1	5.6	11.2		62.72		
		sqm	1	1.2	0.1		0.12		
	Second Floor Corridor	Sqm	1	14.7	1.97		28.96		
	Deduction								
	Table side wall	sqm	-12	1.45	0.17		-2.96		
		sqm	-6	1.55	0.2		-1.86		
		sqm	-6	1.55	0.2		-1.86		
	Hall 1								
		Sqm	1	3.31	6.8		22.51		
		Sqm	1	7.19	3.8		27.32		
		Sqm	1	7.765	2.55		19.80		
		Sqm	1	7.82	21.31		166.64		
	Hall 2								
		Sqm	1	7.7	29.3		225.61		
	Total Executed Quantity						547.01	829.93	453974.46
	Qty Carried to Summary						547.01		
	Total Amount								28456593.85
	12% GST								3414791.262
	Grand Total Amount								31871385

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Technical Sanction

Accorded for **RS 31871385/-**
Head of A/C... **P. 37.40**
CER NO : **35** Dt: **23.08.2021**

[Signature]

[Signature]

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division